

FILE 'HOME' ENTERED AT 11:06:51 ON 28 JUN 2002

=> file fsta frosti  
COST IN U.S. DOLLARS  
SINCE FILE ENTRY 0.21  
TOTAL SESSION 0.21  
FULL ESTIMATED COST

FILE 'FSTA' ENTERED AT 11:06:57 ON 28 JUN 2002  
COPYRIGHT (C) 2002 International Food Information Service

FILE 'FROSTI' ENTERED AT 11:06:57 ON 28 JUN 2002  
COPYRIGHT (C) 2002 Leatherhead Food Research Association

=> s dextrose hydrate#  
L1 9 DEXTROSE HYDRATE#

=> d 1-9

L1 ANSWER 1 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 2001(10):L0498 FSTA  
TI [Dextrose hydrate in powder form and process for its manufacture.]  
IN Labergerie, E.; Lefevre, P.; Lis, J.  
PA Roquette Freres SA; Roquette Freres, France  
SO French Patent Application, (2001)  
PI FR 2802551 A1  
PRAI FR 1999-15951 19991217  
DT Patent  
LA French

L1 ANSWER 2 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1989(04):U0065 FSTA  
TI [Crystalline **dextrose hydrate**. Specifications.]  
CS Union of Soviet Socialist Republics, Gosudarstvennyi Komitet SSSR po Standartam; Available from BSI, Milton Keynes MK14 6LE, UK  
SO Soviet Standard, (1988), GOST 975  
DT Standard  
LA Russian

L1 ANSWER 3 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1982(07):H1086 FSTA  
TI Preparing beverage mix containing **dextrose hydrate** and  
coated citric acid.  
IN Velasco, V. S.  
PA CPC International Inc.  
SO United States Patent, (1981)  
PI US 4278695  
DT Patent  
LA English

L1 ANSWER 4 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1982(06):H0916 FSTA  
TI Freeze-thaw stability of Illinois soybean beverage.  
AU Yeh, S. W.; Wei, L. S.; Nelson, A. I.; Steinberg, M. P.  
CS Dep. of Food Sci., Univ. of Illinois, Urbana, Illinois 61801, USA  
SO Journal of Food Science, (1982), 47 (1) 299-302  
DT Journal  
LA English

L1 ANSWER 5 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1973(07):L0573 FSTA  
TI Corn sweetener industry.

AU Commerford, J. D.  
CS 1001 Connecticut Ave., NW Washington, DC 20036, USA  
SO Abstracts of Papers, American Chemical Society, (1973), 165, AGFD 12  
DT Journal  
LA English

L1 ANSWER 6 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1972(12):L0888 FSTA  
TI Dextrose icings.  
IN Horn, H. E.; Kimball, B. A.; Godzicki, M. M.  
PA CPC International Inc.  
SO United States Patent, (1972)  
PI US 3676155  
DT Patent  
LA English

L1 ANSWER 7 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1971(12):P2106 FSTA  
TI Storage stability of CSM: alternate formulations for corn-soy-milk.  
AU Bookwalter, G. N.; Moser, H. A.; Kwolek, W. F.; Pfeifer, V. F.; Griffin,  
E. L., Jr.  
CS USDA N. Util. Res. and Development Div., N. Regional Res. Lab., Peoria,  
Illinois 61604, USA  
SO Journal of Food Science, (1971), 36 (5) 732-736, 11 ref.  
DT Journal  
LA English

L1 ANSWER 8 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1969(09):L0431 FSTA  
TI Crystalline dextrose manufacture.  
AU Kingma, W. G.  
CS Res. Dept., Continental Engineering NV, Amsterdam, The Netherlands  
SO Process Biochemistry, (1969), 4 (7) 19-21, 4 ref.  
DT Journal  
LA English

L1 ANSWER 9 OF 9 FROSTI COPYRIGHT 2002 LFRA  
AN 558584 FROSTI  
TI Powdered **dextrose hydrate** and method for preparing  
same.  
IN Labergerie E.; Lefevre P.; Lis J.  
PA Roquette Freres  
SO European Patent Application  
PI EP 1108792 A1  
AI 20001206  
PRAI France 19991217  
DT Patent  
LA French  
SL French

=> d 1-9 all

L1 ANSWER 1 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 2001(10):L0498 FSTA  
TI [Dextrose hydrate in powder form and process for its  
manufacture.]  
IN Labergerie, E.; Lefevre, P.; Lis, J.  
PA Roquette Freres SA; Roquette Freres, France  
SO French Patent Application, (2001)  
PI FR 2802551 A1  
PRAI FR 1999-15951 19991217

DT Patent  
LA French  
AB A **dextrose hydrate** (glucose hydrate) preparation in powder form has: dextrose content .gtoreq.98%; content of the crystalline form .gtoreq.95%; moisture content >1%, preferably 2-10% and most preferably 5-9.5%; and compressibility (by a specified test) .gtoreq.70 N, preferably >90 N and most preferably 90-200 N. The patent also covers a process for manufacture of this product, and its use as a sweetener, osmotic agent, nutrient or excipient, especially in the food, pharmaceutical, chemical and agrochemical sectors.  
CC L (Sugars, Syrups and Starches)  
CT CRYSTALLIZATION; DRIED FOODS; GLUCOSE; INSTANT FOODS; PATENTS; POWDERS

L1 ANSWER 2 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1989(04):U0065 FSTA  
TI [Crystalline **dextrose hydrate**. Specifications.]  
CS Union of Soviet Socialist Republics, Gosudarstvennyi Komitet SSSR po Standartam; Available from BSI, Milton Keynes MK14 6LE, UK  
SO Soviet Standard, (1988), GOST 975  
DT Standard  
LA Russian  
CC U (Standards, Laws and Regulations)  
CT GLUCOSE; STANDARDS; SUGARS; CRYSTALLINE; DEXTROSE; **DEXTROSE HYDRATE**; TITLE; UNION OF SOVIET SOCIALIST REPUBLICS; USSR

L1 ANSWER 3 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1982(07):H1086 FSTA  
TI Preparing beverage mix containing **dextrose hydrate** and coated citric acid.  
IN Velasco, V. S.  
PA CPC International Inc.  
SO United States Patent, (1981)  
PI US 4278695  
DT Patent  
LA English  
AB Method is described for preparing dry free-flowing beverage mix compositions. Particles of citric acid are coated with a desiccating agent, e.g. silicon dioxide or sodium silicoaluminate; the coated acid is then mixed with a flavouring agent and a saccharide material containing 5-25% by wt. **dextrose hydrate**.  
CC H (Alcoholic and Non-Alcoholic Beverages)  
CT BEVERAGES; DRIED FOODS; PATENTS; BEVERAGE MIXES; DRIED; PATENT

L1 ANSWER 4 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1982(06):H0916 FSTA  
TI Freeze-thaw stability of Illinois soybean beverage.  
AU Yeh, S. W.; Wei, L. S.; Nelson, A. I.; Steinberg, M. P.  
CS Dep. of Food Sci., Univ. of Illinois, Urbana, Illinois 61801, USA  
SO Journal of Food Science, (1982), 47 (1) 299-302  
DT Journal  
LA English  
AB Effects of freezing conditions, processing and formulation variables on freeze-thaw (F-T) stability of Illinois soybean beverage were studied. Objective and subjective evaluations were made on a sample before and after freezing. TS content of the supernatant from a centrifuged sample was used to calculate a F-T stability index. This index was below 35% for both plain base and plain beverage. The freeze-thaw stability was affected by freezing temp., holding time before freezing, changing of temp. during frozen storage and desludging. However, length of frozen storage and homogenization pressure had no apparent effect. Addition of sugars and salt resulted in a beneficial effect on the stability. In order to prevent visible freeze damage, approx. 7% sucrose or 5% **dextrose**

**hydrate** were required in a beverage containing 0.2% salt.

CC H (Alcoholic and Non-Alcoholic Beverages)  
CT BEVERAGES; FREEZING; SOY PRODUCTS; STABILITY; TEMPERATURE; THAWING;  
FREEZE-THAWING # ILLINOIS; SOY BEVERAGES; TEMP.

L1 ANSWER 5 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1973(07):L0573 FSTA  
TI Corn sweetener industry.  
AU Commerford, J. D.  
CS 1001 Connecticut Ave., NW Washington, DC 20036, USA  
SO Abstracts of Papers, American Chemical Society, (1973), 165, AGFD 12  
DT Journal  
LA English  
AB In the USA, 11 of the 12 companies engaged in corn wet milling produce corn sweeteners. Total domestic production of sweetener products exceeds 4 billion pounds. Worldwide production, including sweeteners made from other starch sources, is about 7 billion pounds. Corn syrup (glucose syrup) accounts for two-thirds of the total. Corn syrup is made by the conversion of starch by means of acid, enzyme, acid-enzyme or dual enzyme processes. A variety of types are manufactured, each designed to meet the demands of specific segments of the food processing industry. Syrups having a particular composition of saccharides can be prepared by selection of specific processes and/or conditions. For example, syrups low in dextrose and high in maltose are manufactured for the hard candy industry. The other major product, dextrose, is made by further conversion and refining. Crystalline anhydrous dextrose or **dextrose hydrate** is used in many food products where the processor takes advantage of its various functional properties such as sweetness, flavour, fermentability, stability and osmotic pressure.

CC L (Sugars, Syrups and Starches)  
CT CORN; GLUCOSE; CORN SYRUP; DEXTROSE

L1 ANSWER 6 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1972(12):L0888 FSTA  
TI Dextrose icings.  
IN Horn, H. E.; Kimball, B. A.; Godzicki, M. M.  
PA CPC International Inc.  
SO United States Patent, (1972)  
PI US 3676155  
DT Patent  
LA English  
AB Icings have improved skin-forming and texture properties consist of 5-20% granulated sucrose, 20-45% crystalline **dextrose hydrate**, 40-50% powdered dextrose, .1toreq.5% water, 2-5% shortening and .1toreq.5% flavouring etc. The icings are particularly suitable for wrapped products.

CC L (Sugars, Syrups and Starches)  
CT GLUCOSE; TEXTURE; TOPPINGS; DEXTROSE; ICINGS; ICINGS ; TEXTURE

L1 ANSWER 7 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1971(12):P2106 FSTA  
TI Storage stability of CSM: alternate formulations for corn-soy-milk.  
AU Bookwalter, G. N.; Moser, H. A.; Kwolek, W. F.; Pfeifer, V. F.; Griffin, E. L., Jr.  
CS USDA N. Util. Res. and Development Div., N. Regional Res. Lab., Peoria, Illinois 61604, USA  
SO Journal of Food Science, (1971), 36 (5) 732-736, 11 ref.  
DT Journal  
LA English  
AB Corn-soy-milk (CSM), a high-protein food supplement for children, contains pregelatinized corn meal, soya flour, nonfat dried milk, vitamins and minerals. To increase the choice of possible ingredients, several

formulations were studied. Flavour and chemical test after storage at 77, 100, and 120.degree.F were made on experimental samples containing corn meals and soya flour, dried whey increased levels of nonfat dried milk, sucrose and **dextrose hydrate**. Stability was adequate for all formulations tested except those containing **dextrose hydrate** or unprocessed whole corn meal. At storage temp. of 100.degree.F or above, substantial losses in available lysine occurred in the samples containing **dextrose hydrate**. [See also following abstr.]

CC P (Milk and Dairy Products)  
CT CORN; GLUCOSE; LYSINE; MILK; POPULATION GROUPS; SOYBEANS; STABILITY; STORAGE; SUCROSE; WHEY; CHILDREN; CORN-SOY-MILK HIGH-PROTEIN PRODUCT; CORN-SOY-MILK PRODUCT; DEXTROSE; DRIED WHEY; HYDRATE # LOSS # AVAILABLE # CORN-SOY-MILK; PROTEIN; PROTEINS (UNCONVENTIONAL); SOY

L1 ANSWER 8 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1969(09):L0431 FSTA  
TI Crystalline dextrose manufacture.  
AU Kingma, W. G.  
CS Res. Dept., Continental Engineering NV, Amsterdam, The Netherlands  
SO Process Biochemistry, (1969), 4 (7) 19-21, 4 ref.  
DT Journal  
LA English  
AB Acid enzymatic liquefaction of starch and the subsequent crystallization of **dextrose hydrate** are discussed in conjunction with a description of a recently adapted plant which is used for this process. The efficiency of the conversion and the amount of unwanted by-products interact with the crystallization process. This has been represented graphically and may be used in design and start-up procedures of multi-stage dextrose crystallization. Careful process design, both of the conversion and the crystallization sections, resulted in high crystal quality and made it possible to install a continuous centrifuge behind the crystallizers.

CC L (Sugars, Syrups and Starches)  
CT ENZYMES; GLUCOSE; DEXTROSE

L1 ANSWER 9 OF 9 FROSTI COPYRIGHT 2002 LFRA  
AN 558584 FROSTI  
TI Powdered **dextrose hydrate** and method for preparing same.  
IN Labergerie E.; Lefevre P.; Lis J.  
PA Roquette Freres  
SO European Patent Application  
PI EP 1108792 A1  
AI 20001206  
PRAI France 19991217  
DT Patent  
LA French  
SL French  
AB The inventive powdered **dextrose hydrates** have remarkably high compressibility, flowability, and a crystalline purity not achieved by powdered dextrose monohydrates in the prior art. The products are characterized by a dextrose content of 98% or more and a water content of preferably 2 to 10%. A production process is disclosed, which includes rehumidification/granulation using a crystalline dextrose binder and drying. The products can be used as sweeteners, osmotic agents, nutrients or excipients.

SH ADDITIVES  
CT DEXTROSE; DEXTROSE HYDRATES; DEXTROSE POWDER;  
EUROPEAN PATENT; GLUCOSE; GLUCOSE POWDER; PATENT; PRODUCTION; SWEETENERS  
DED 19 Jul 2001

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: ssspta1302axw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates  
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency  
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
NEWS 6 Mar 08 Gene Names now available in BIOSIS  
NEWS 7 Mar 22 TOXLIT no longer available  
NEWS 8 Mar 22 TRCTHERMO no longer available  
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAplus and USPATFULL  
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY  
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.  
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 14 Apr 09 ZDB will be removed from STN  
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 19 Jun 03 New e-mail delivery for search results now available  
NEWS 20 Jun 10 MEDLINE Reload  
NEWS 21 Jun 10 PCTFULL has been reloaded

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 11:06:51 ON 28 JUN 2002

=> file fsta frosti COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'FSTA' ENTERED AT 11:06:57 ON 28 JUN 2002  
COPYRIGHT (C) 2002 International Food Information Service

FILE 'FROSTI' ENTERED AT 11:06:57 ON 28 JUN 2002  
COPYRIGHT (C) 2002 Leatherhead Food Research Association

=> s dextrose hydrate#  
L1 9 DEXTROSE HYDRATE#

=> d 1-9

L1 ANSWER 1 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 2001(10):L0498 FSTA  
TI [Dextrose hydrate in powder form and process for its  
manufacture.]  
IN Labergerie, E.; Lefevre, P.; Lis, J.  
PA Roquette Freres SA; Roquette Freres, France  
SO French Patent Application, (2001)  
PI FR 2802551 A1  
PRAI FR 1999-15951 19991217  
DT Patent  
LA French

L1 ANSWER 2 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1989(04):U0065 FSTA  
TI [Crystalline dextrose hydrate. Specifications.]  
CS Union of Soviet Socialist Republics, Gosudarstvennyi Komitet SSSR po  
Standartam; Available from BSI, Milton Keynes MK14 6LE, UK  
SO Soviet Standard, (1988), GOST 975  
DT Standard  
LA Russian

L1 ANSWER 3 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1982(07):H1086 FSTA  
TI Preparing beverage mix containing dextrose hydrate and  
coated citric acid.  
IN Velasco, V. S.  
PA CPC International Inc.  
SO United States Patent, (1981)  
PI US 4278695  
DT Patent  
LA English

L1 ANSWER 4 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1982(06):H0916 FSTA  
TI Freeze-thaw stability of Illinois soybean beverage.  
AU Yeh, S. W.; Wei, L. S.; Nelson, A. I.; Steinberg, M. P.  
CS Dep. of Food Sci., Univ. of Illinois, Urbana, Illinois 61801, USA  
SO Journal of Food Science, (1982), 47 (1) 299-302  
DT Journal  
LA English

L1 ANSWER 5 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1973(07):L0573 FSTA  
TI Corn sweetener industry.

AU Commerford, J. D.  
CS 1001 Connecticut Ave., NW Washington, DC 20036, USA  
SO Abstracts of Papers, American Chemical Society, (1973), 165, AGFD 12  
DT Journal  
LA English

L1 ANSWER 6 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1972(12):L0888 FSTA  
TI Dextrose icings.  
IN Horn, H. E.; Kimball, B. A.; Godzicki, M. M.  
PA CPC International Inc.  
SO United States Patent, (1972)  
PI US 3676155  
DT Patent  
LA English

L1 ANSWER 7 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1971(12):P2106 FSTA  
TI Storage stability of CSM: alternate formulations for corn-soy-milk.  
AU Bookwalter, G. N.; Moser, H. A.; Kwolek, W. F.; Pfeifer, V. F.; Griffin,  
E. L., Jr.  
CS USDA N. Util. Res. and Development Div., N. Regional Res. Lab., Peoria,  
Illinois 61604, USA  
SO Journal of Food Science, (1971), 36 (5) 732-736, 11 ref.  
DT Journal  
LA English

L1 ANSWER 8 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1969(09):L0431 FSTA  
TI Crystalline dextrose manufacture.  
AU Kingma, W. G.  
CS Res. Dept., Continental Engineering NV, Amsterdam, The Netherlands  
SO Process Biochemistry, (1969), 4 (7) 19-21, 4 ref.  
DT Journal  
LA English

L1 ANSWER 9 OF 9 FROSTI COPYRIGHT 2002 LFRA  
AN 558584 FROSTI  
TI Powdered **dextrose hydrate** and method for preparing  
same.  
IN Labergerie E.; Lefevre P.; Lis J.  
PA Roquette Freres  
SO European Patent Application  
PI EP 1108792 A1  
AI 20001206  
PRAI France 19991217  
DT Patent  
LA French  
SL French

=> d 1-9 all

L1 ANSWER 1 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 2001(10):L0498 FSTA  
TI [Dextrose hydrate in powder form and process for its  
manufacture.]  
IN Labergerie, E.; Lefevre, P.; Lis, J.  
PA Roquette Freres SA; Roquette Freres, France  
SO French Patent Application, (2001)  
PI FR 2802551 A1  
PRAI FR 1999-15951 19991217

DT Patent  
LA French  
AB A **dextrose hydrate** (glucose hydrate) preparation in powder form has: dextrose content .gtoreq.98%; content of the crystalline form .gtoreq.95%; moisture content >1%, preferably 2-10% and most preferably 5-9.5%; and compressibility (by a specified test) .gtoreq.70 N, preferably >90 N and most preferably 90-200 N. The patent also covers a process for manufacture of this product, and its use as a sweetener, osmotic agent, nutrient or excipient, especially in the food, pharmaceutical, chemical and agrochemical sectors.

CC L (Sugars, Syrups and Starches)  
CT CRYSTALLIZATION; DRIED FOODS; GLUCOSE; INSTANT FOODS; PATENTS; POWDERS

L1 ANSWER 2 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1989(04):U0065 FSTA

TI [Crystalline **dextrose hydrate**. Specifications.]  
CS Union of Soviet Socialist Republics, Gosudarstvennyi Komitet SSSR po Standartam; Available from BSI, Milton Keynes MK14 6LE, UK  
SO Soviet Standard, (1988), GOST 975  
DT Standard  
LA Russian  
CC U (Standards, Laws and Regulations)  
CT GLUCOSE; STANDARDS; SUGARS; CRYSTALLINE; DEXTROSE; **DEXTROSE HYDRATE**; TITLE; UNION OF SOVIET SOCIALIST REPUBLICS; USSR

L1 ANSWER 3 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1982(07):H1086 FSTA

TI Preparing beverage mix containing **dextrose hydrate** and coated citric acid.

IN Velasco, V. S.  
PA CPC International Inc.  
SO United States Patent, (1981)  
PI US 4278695  
DT Patent  
LA English  
AB Method is described for preparing dry free-flowing beverage mix compositions. Particles of citric acid are coated with a desiccating agent, e.g. silicon dioxide or sodium silicoaluminate; the coated acid is then mixed with a flavouring agent and a saccharide material containing 5-25% by wt. **dextrose hydrate**.

CC H (Alcoholic and Non-Alcoholic Beverages)  
CT BEVERAGES; DRIED FOODS; PATENTS; BEVERAGE MIXES; DRIED; PATENT

L1 ANSWER 4 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1982(06):H0916 FSTA

TI Freeze-thaw stability of Illinois soybean beverage.  
AU Yeh, S. W.; Wei, L. S.; Nelson, A. I.; Steinberg, M. P.  
CS Dep. of Food Sci., Univ. of Illinois, Urbana, Illinois 61801, USA  
SO Journal of Food Science, (1982), 47 (1) 299-302  
DT Journal  
LA English

AB Effects of freezing conditions, processing and formulation variables on freeze-thaw (F-T) stability of Illinois soybean beverage were studied. Objective and subjective evaluations were made on a sample before and after freezing. TS content of the supernatant from a centrifuged sample was used to calculate a F-T stability index. This index was below 35% for both plain base and plain beverage. The freeze-thaw stability was affected by freezing temp., holding time before freezing, changing of temp. during frozen storage and desludging. However, length of frozen storage and homogenization pressure had no apparent effect. Addition of sugars and salt resulted in a beneficial effect on the stability. In order to prevent visible freeze damage, approx. 7% sucrose or 5% **dextrose**

hydrate were required in a beverage containing 0.2% salt.

CC H (Alcoholic and Non-Alcoholic Beverages)  
CT BEVERAGES; FREEZING; SOY PRODUCTS; STABILITY; TEMPERATURE; THAWING;  
FREEZE-THAWING # ILLINOIS; SOY BEVERAGES; TEMP.

L1 ANSWER 5 OF 9 FSTA COPYRIGHT 2002 IFIS

AN 1973(07):L0573 FSTA

TI Corn sweetener industry.

AU Commerford, J. D.

CS 1001 Connecticut Ave., NW Washington, DC 20036, USA

SO Abstracts of Papers, American Chemical Society, (1973), 165, AGFD 12

DT Journal

LA English

AB In the USA, 11 of the 12 companies engaged in corn wet milling produce corn sweeteners. Total domestic production of sweetener products exceeds 4 billion pounds. Worldwide production, including sweeteners made from other starch sources, is about 7 billion pounds. Corn syrup (glucose syrup) accounts for two-thirds of the total. Corn syrup is made by the conversion of starch by means of acid, enzyme, acid-enzyme or dual enzyme processes. A variety of types are manufactured, each designed to meet the demands of specific segments of the food processing industry. Syrups having a particular composition of saccharides can be prepared by selection of specific processes and/or conditions. For example, syrups low in dextrose and high in maltose are manufactured for the hard candy industry. The other major product, dextrose, is made by further conversion and refining. Crystalline anhydrous dextrose or **dextrose hydrate** is used in many food products where the processor takes advantage of its various functional properties such as sweetness, flavour, fermentability, stability and osmotic pressure.

CC L (Sugars, Syrups and Starches)

CT CORN; GLUCOSE; CORN SYRUP; DEXTROSE

L1 ANSWER 6 OF 9 FSTA COPYRIGHT 2002 IFIS

AN 1972(12):L0888 FSTA

TI Dextrose icings.

IN Horn, H. E.; Kimball, B. A.; Godzicki, M. M.

PA CPC International Inc.

SO United States Patent, (1972)

PI US 3676155

DT Patent

LA English

AB Icings have improved skin-forming and texture properties consist of 5-20% granulated sucrose, 20-45% crystalline **dextrose hydrate**, 40-50% powdered dextrose, .1toreq.5% water, 2-5% shortening and .1toreq.5% flavouring etc. The icings are particularly suitable for wrapped products.

CC L (Sugars, Syrups and Starches)

CT GLUCOSE; TEXTURE; TOPPINGS; DEXTROSE; ICINGS; ICINGS ; TEXTURE

L1 ANSWER 7 OF 9 FSTA COPYRIGHT 2002 IFIS

AN 1971(12):P2106 FSTA

TI Storage stability of CSM: alternate formulations for corn-soy-milk.

AU Bookwalter, G. N.; Moser, H. A.; Kwolek, W. F.; Pfeifer, V. F.; Griffin, E. L., Jr.

CS USDA N. Util. Res. and Development Div., N. Regional Res. Lab., Peoria, Illinois 61604, USA

SO Journal of Food Science, (1971), 36 (5) 732-736, 11 ref.

DT Journal

LA English

AB Corn-soy-milk (CSM), a high-protein food supplement for children, contains pregelatinized corn meal, soya flour, nonfat dried milk, vitamins and minerals. To increase the choice of possible ingredients, several

formulations were studied. Flavour and chemical test after storage at 77, 100, and 120.degree.F were made on experimental samples containing corn meals and soya flour, dried whey increased levels of nonfat dried milk, sucrose and **dextrose hydrate**. Stability was adequate for all formulations tested except those containing **dextrose hydrate** or unprocessed whole corn meal. At storage temp. of 100.degree.F or above, substantial losses in available lysine occurred in the samples containing **dextrose hydrate**. [See also following abstr.]

CC P (Milk and Dairy Products)  
CT CORN; GLUCOSE; LYSINE; MILK; POPULATION GROUPS; SOYBEANS; STABILITY; STORAGE; SUCROSE; WHEY; CHILDREN; CORN-SOY-MILK HIGH-PROTEIN PRODUCT; CORN-SOY-MILK PRODUCT; DEXTROSE; DRIED WHEY; HYDRATE # LOSS # AVAILABLE # CORN-SOY-MILK; PROTEIN; PROTEINS (UNCONVENTIONAL); SOY

L1 ANSWER 8 OF 9 FSTA COPYRIGHT 2002 IFIS  
AN 1969(09):L0431 FSTA  
TI Crystalline dextrose manufacture.  
AU Kingma, W. G.  
CS Res. Dept., Continental Engineering NV, Amsterdam, The Netherlands  
SO Process Biochemistry, (1969), 4 (7) 19-21, 4 ref.  
DT Journal  
LA English  
AB Acid enzymatic liquefaction of starch and the subsequent crystallization of **dextrose hydrate** are discussed in conjunction with a description of a recently adapted plant which is used for this process. The efficiency of the conversion and the amount of unwanted by-products interact with the crystallization process. This has been represented graphically and may be used in design and start-up procedures of multi-stage dextrose crystallization. Careful process design, both of the conversion and the crystallization sections, resulted in high crystal quality and made it possible to install a continuous centrifuge behind the crystallizers.  
CC L (Sugars, Syrups and Starches)  
CT ENZYMES; GLUCOSE; DEXTROSE

L1 ANSWER 9 OF 9 FROSTI COPYRIGHT 2002 LFRA  
AN 558584 FROSTI  
TI Powdered **dextrose hydrate** and method for preparing same.  
IN Labergerie E.; Lefevre P.; Lis J.  
PA Roquette Freres  
SO European Patent Application  
PI EP 1108792 A1  
AI 20001206  
PRAI France 19991217  
DT Patent  
LA French  
SL French  
AB The inventive powdered **dextrose hydrates** have remarkably high compressibility, flowability, and a crystalline purity not achieved by powdered dextrose monohydrates in the prior art. The products are characterized by a dextrose content of 98% or more and a water content of preferably 2 to 10%. A production process is disclosed, which includes rehumidification/granulation using a crystalline dextrose binder and drying. The products can be used as sweeteners, osmotic agents, nutrients or excipients.  
SH ADDITIVES  
CT DEXTROSE; DEXTROSE HYDRATES; DEXTROSE POWDER;  
EUROPEAN PATENT; GLUCOSE; GLUCOSE POWDER; PATENT; PRODUCTION; SWEETENERS  
DED 19 Jul 2001

FILE 'USPATFULL' ENTERED AT 11:08:34 ON 28 JUN 2002  
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 11:08:34 ON 28 JUN 2002  
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

=> d his

(FILE 'HOME' ENTERED AT 11:06:51 ON 28 JUN 2002)

FILE 'FSTA, FROSTI' ENTERED AT 11:06:57 ON 28 JUN 2002  
L1 9 S DEXTROSE HYDRATE#

FILE 'USPATFULL. USPAT2' ENTERED AT 11:08:34 ON 28 JUN 2002

=> s 11

L2 28 L1

=> d 1-28

L2 ANSWER 1 OF 28 USPATFULL  
AN 2001:144957 USPATFULL  
TI Dextrose hydrate in powder form and a process for  
the preparation thereof  
IN Labergerie, Erik, Lestrem, France  
Lefevre, Philippe, Merville, France  
Lis, Jose, La Gorgue, France  
PI US 2001018092 A1 20010830  
AI US 2000-735092 A1 20001212 (9)  
PRAI FR 1999-15951 19991217  
DT Utility  
FS APPLICATION  
LN.CNT 579  
INCL INCLM: 426/658.000  
INCLS: 426/285.000; 426/453.000  
NCL NCLM: 426/658.000  
NCLS: 426/285.000; 426/453.000  
IC [7]  
ICM: A23L001-09  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 28 USPATFULL  
AN 96:1226 USPATFULL  
TI Stable antimicrobial dialdehyde composition and methods of use  
IN Donovan, Daniel J., St. Paul, MN, United States  
McSherry, David D., Little Canada, MN, United States  
Fredell, Dale L., Lindstrom, MN, United States  
PA Ecolab Inc., St. Paul, MN, United States (U.S. corporation)  
PI US 5480643 19960102  
AI US 1993-65289 19930706 (8)  
RLI Continuation-in-part of Ser. No. US 1992-887312, filed on 22 May 1992,  
now abandoned which is a division of Ser. No. US 1991-777782, filed on  
16 Oct 1991, now patented, Pat. No. US 5158778  
DT Utility  
FS Granted  
LN.CNT 1455

INCL INCLM: 424/409.000  
INCLS: 424/405.000; 424/499.000  
NCL NCLM: 424/409.000  
NCLS: 424/405.000; 424/499.000  
IC [6]  
ICM: A01N025-08  
EXF 424/405; 424/409; 424/499  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 28 USPATFULL  
AN 93:48258 USPATFULL  
TI Reducing sugar-containing mix and process therefore  
IN Anderson, Noel E., Brookfield, CT, United States  
Russell, John B., Trumbull, CT, United States  
PA Kraft General Foods, Inc., Northfield, IL, United States (U.S.  
corporation)  
PI US 5219598 19930615  
AI US 1991-793066 19911115 (7)  
DT Utility  
FS Granted  
LN.CNT 443  
INCL INCLM: 426/096.000  
INCLS: 426/289.000; 426/292.000; 426/591.000  
NCL NCLM: 426/096.000  
NCLS: 426/289.000; 426/292.000; 426/591.000  
IC [5]  
ICM: A23L002-38  
EXF 426/590; 426/591; 426/285; 426/289; 426/292; 426/291; 426/96  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 28 USPATFULL  
AN 93:35821 USPATFULL  
TI Calcium Citrate anticaking agent  
IN Vidal, Susan, Patterson, NY, United States  
Saleeb, Fouad Z., Pleasantville, NY, United States  
PA Kraft General Foods, Inc., Northfield, IL, United States (U.S.  
corporation)  
PI US 5208372 19930504  
AI US 1992-883987 19920518 (7)  
RLI Division of Ser. No. US 1991-704500, filed on 23 May 1991, now patented,  
Pat. No. US 5149552  
DT Utility  
FS Granted  
LN.CNT 376  
INCL INCLM: 562/584.000  
INCLS: 426/321.000; 426/590.000  
NCL NCLM: 562/584.000  
NCLS: 426/321.000; 426/590.000  
IC [5]  
ICM: C07C059-265  
EXF 562/584  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 28 USPATFULL  
AN 92:88889 USPATFULL  
TI Stable antimicrobial dialdehyde composition and methods of use  
IN Donovan, Daniel J., St. Paul, MN, United States  
McSherry, David D., Little Canada, MN, United States  
Fredell, Dale L., Lindstrom, MN, United States  
PA Ecolab Inc., St. Paul, MN, United States (U.S. corporation)  
PI US 5158778 19921027  
AI US 1991-777782 19911016 (7)

DT Utility  
FS Granted  
LN.CNT 1518  
INCL INCLM: 424/488.000  
INCLS: 424/409.000; 514/705.000; 252/109.000  
NCL NCLM: 424/488.000  
NCLS: 424/409.000; 510/215.000; 510/382.000; 514/705.000  
IC [5]  
ICM: A01N025-08  
ICS: A01N035-02  
EXF 514/705; 514/947; 424/405; 424/409; 424/488; 428/524-526; 252/106;  
252/109

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 6 OF 28 USPATFULL  
AN 92:78742 USPATFULL  
TI Calcium citrate anticaking agent  
IN Vidal, Susan, Patterson, NY, United States  
Saleeb, Fouad Z., Pleasantville, NY, United States  
PA Kraft General Foods, Inc., Northfield, IL, United States (U.S.  
corporation)  
PI US 5149552 19920922  
AI US 1991-704500 19910523 (7)  
DT Utility  
FS Granted  
LN.CNT 398  
INCL INCLM: 426/321.000  
INCLS: 426/590.000; 562/584.000  
NCL NCLM: 426/321.000  
NCLS: 426/590.000; 562/584.000  
IC [5]  
ICM: A23L002-38  
ICS: C07C059-265  
EXF 426/321; 426/590; 562/584  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 7 OF 28 USPATFULL  
AN 92:27329 USPATFULL  
TI Sucrose and fructose-containing food mix and process  
IN Nasrallah, Maurice, Tarrytown, NY, United States  
Nasrallah, Antonia B., Tarrytown, NY, United States  
Saleeb, Fouad Z., Pleasantville, NY, United States  
PA Kraft General Foods, Inc., Glenview, IL, United States (U.S.  
corporation)  
PI US 5102682 19920407  
AI US 1991-648082 19910131 (7)  
DT Utility  
FS Granted  
LN.CNT 269  
INCL INCLM: 426/590.000  
INCLS: 426/658.000  
NCL NCLM: 426/590.000  
NCLS: 426/658.000  
IC [5]  
ICM: A23L002-38  
EXF 426/591; 426/555; 426/554; 426/590; 426/558; 426/285

L2 ANSWER 8 OF 28 USPATFULL  
AN 90:52974 USPATFULL  
TI Process for the direct production of glycoside product in the presence  
of solid saccharide  
IN Rasche, John F., Decatur, IL, United States

Pickens, Carl E., Decatur, IL, United States  
McCurry, Jr., Patrick M., Decatur, IL, United States  
PA Henkel Kommanditgesellschaft auf Aktien, Duesseldorf-Holthausen,  
Germany, Federal Republic of (non-U.S. corporation)  
PI US 4939245 19900703  
AI US 1988-287953 19881221 (7)  
DT Utility  
FS Granted  
LN.CNT 366  
INCL INCLM: 536/018.600  
INCLS: 536/124.000; 536/018.500  
NCL NCLM: 536/018.600  
NCLS: 536/018.500; 536/124.000  
IC [5]  
ICM: C07G003-00  
ICS: C07H001-00  
EXF 536/18.6; 536/124; 536/18.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 9 OF 28 USPATFULL  
AN 85:50507 USPATFULL  
TI Hydration drying process  
IN Hunter, George L. K., Atlanta, GA, United States  
Dennison, Daniel B., Tucker, GA, United States  
Stephens, Charles E., Dunwoody, GA, United States  
PA The Coca-Cola Company, Atlanta, GA, United States (U.S. corporation)  
PI US 4537637 19850827  
AI US 1983-463187 19830202 (6)  
RLI Continuation-in-part of Ser. No. US 1980-179452, filed on 19 Aug 1980,  
now abandoned  
DT Utility  
FS Granted  
LN.CNT 653  
INCL INCLM: 127/060.000  
INCLS: 127/058.000; 127/DIG.001; 426/443.000; 426/455.000; 426/594.000;  
426/597.000; 426/599.000; 426/658.000  
NCL NCLM: 127/060.000  
NCLS: 127/058.000; 127/DIG.001; 426/443.000; 426/455.000; 426/594.000;  
426/597.000; 426/599.000; 426/658.000  
IC [3]  
ICM: C13F005-00  
EXF 426/443; 426/590; 426/594; 426/597; 426/599; 426/658; 426/455; 034/9;  
034/42; 127/29; 127/34; 127/42; 127/46.1; 127/58; 127/60; 127/DIG.1

L2 ANSWER 10 OF 28 USPATFULL  
AN 85:44563 USPATFULL  
TI Spreadable honey  
IN Brain, Charles, Wooster, OH, United States  
Johnston, Barry, Copley, OH, United States  
PA The J. M. Smucker Company, Orrville, OH, United States (U.S.  
corporation)  
PI US 4532143 19850730  
AI US 1984-621176 19840615 (6)  
DT Utility  
FS Granted  
LN.CNT 304  
INCL INCLM: 426/577.000  
INCLS: 426/658.000  
NCL NCLM: 426/577.000  
NCLS: 426/658.000  
IC [3]  
ICM: A23L001-06

ICS: A23L001-08; A23L001-04  
EXF 426/577; 426/658  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 11 OF 28 USPATFULL  
AN 82:53163 USPATFULL  
TI Process for continuous crystallization of alpha monohydrate dextrose utilizing high agitation  
IN Edwards, Larry W., Hillsdale, NJ, United States  
PA CPC International Inc., Englewood Cliffs, NJ, United States (U.S. corporation)  
PI US 4357172 19821102  
AI US 1980-217484 19801217 (6)  
DT Utility  
FS Granted  
LN.CNT 508  
INCL INCLM: 127/060.000  
INCLS: 127/030.000  
NCL NCLM: 127/060.000  
NCLS: 127/030.000  
IC [3]  
ICM: C13F001-02  
EXF 127/15; 127/16; 127/30; 127/60  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 12 OF 28 USPATFULL  
AN 82:20199 USPATFULL  
TI Compressed chewable antacid tablet and method for forming same  
IN Puglia, Wayne J., Bellerose Village, NY, United States  
Patanasinth, Kanit J., Tarrytown, NY, United States  
Lombardo, Andrew T., Bronx, NY, United States  
Beam, John E., Norwalk, CT, United States  
Mackay, Donald A. M., Pleasantville, NY, United States  
PA Life Savers, Inc., New York, NY, United States (U.S. corporation)  
PI US 4327076 19820427  
AI US 1980-207157 19801117 (6)  
DT Utility  
FS Granted  
LN.CNT 553  
INCL INCLM: 424/038.000  
INCLS: 424/154.000; 424/155.000; 424/156.000; 424/157.000; 424/158.000;  
424/147.000; 424/230.000; 424/252.000; 424/255.000; 424/263.000;  
424/266.000; 424/280.000; 424/361.000; 424/362.000; 424/365.000;  
426/660.000  
NCL NCLM: 424/441.000  
NCLS: 424/646.000; 424/686.000; 424/687.000; 424/689.000; 424/690.000;  
424/692.000; 426/660.000; 514/063.000; 514/164.000; 514/251.000  
IC [3]  
ICM: A61K009-20  
ICS: A61K009-42; A61K033-08; A61K033-10  
EXF 424/38; 424/154-158; 424/361; 424/362; 424/365  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 13 OF 28 USPATFULL  
AN 82:15120 USPATFULL  
TI Methylolated mono- and oligosaccharides  
IN Wagner, Kuno, Leverkusen, Germany, Federal Republic of  
PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of  
(non-U.S. corporation)  
PI US 4322523 19820330  
AI US 1979-60241 19790725 (6)  
PRAI DE 1978-2833138 19780728

DT Utility  
FS Granted  
LN.CNT 2162  
INCL INCLM: 536/004.000  
INCLS: 521/155.000; 521/158.000; 521/107.000; 521/109.000; 536/001.000;  
536/002.000; 536/018.000; 536/095.000; 536/102.000; 536/115.000;  
536/117.000; 536/120.000; 560/157.000; 528/272.000; 528/405.000;  
536/043.000; 536/030.000  
NCL NCLM: 536/001.110  
NCLS: 521/107.000; 521/109.100; 521/155.000; 521/158.000; 528/077.000;  
528/085.000; 536/002.000; 536/004.100; 536/018.700; 536/030.000;  
536/043.000; 536/095.000; 536/102.000; 536/115.000; 536/117.000;  
536/120.000; 560/157.000  
IC [3]  
ICM: C07H015-04  
ICS: C07H001-00  
EXF 536/1; 536/4; 536/120; 536/2; 536/43; 536/18; 536/30; 536/95; 536/102  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 14 OF 28 USPATFULL  
AN 81:38397 USPATFULL  
TI Preparing beverage mix containing **dextrose hydrate**  
and coated citric acid  
IN Velasco, Violeta S., Bolingbrook, IL, United States  
PA CPC International Inc., Englewood Cliffs, NJ, United States (U.S.  
corporation)  
PI US 4278695 19810714  
AI US 1980-116981 19800116 (6)  
RLI Continuation of Ser. No. US 1978-965827, filed on 4 Dec 1978, now  
abandoned  
DT Utility  
FS Granted  
LN.CNT 173  
INCL INCLM: 426/289.000  
INCLS: 426/096.000; 426/295.000; 426/510.000; 426/650.000  
NCL NCLM: 426/289.000  
NCLS: 426/096.000; 426/295.000; 426/590.000; 426/650.000  
IC [3]  
ICM: A23L001-221  
ICS: A23L002-00  
EXF 426/96; 426/93; 426/650; 426/103; 426/289; 426/591; 426/590; 426/592;  
426/599; 426/541; 426/569; 426/295  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 15 OF 28 USPATFULL  
AN 79:34064 USPATFULL  
TI Reconstituted food product  
IN Mueller, Richard A., Donnellson, IA, United States  
PA SCM Corporation, New York, NY, United States (U.S. corporation)  
PI US 4163805 19790807  
AI US 1976-753805 19761223 (5)  
RLI Continuation-in-part of Ser. No. US 1975-644108, filed on 24 Dec 1975,  
now abandoned  
DT Utility  
FS Granted  
LN.CNT 435  
INCL INCLM: 426/575.000  
INCLS: 426/615.000; 426/803.000; 426/104.000  
NCL NCLM: 426/575.000  
NCLS: 426/104.000; 426/615.000; 426/803.000  
IC [2]  
ICM: A23L001-04

EXF 426/575; 426/615; 426/803; 426/104; 426/282; 426/92

L2 ANSWER 16 OF 28 USPATFULL  
AN 78:64855 USPATFULL  
TI Process for the production of salts of stilbene-azo and stilbene-azoxy dyes  
IN Pedrazzi, Reinhard, Basel, Switzerland  
PA Fidelity Union Trust Company as Executive Trustee under the Sandoz Trust, Newark, NJ, United States (U.S. corporation)  
PI US 4126608 19781121  
AI US 1975-641484 19751217 (5)  
RLI Division of Ser. No. US 1973-385756, filed on 6 Aug 1973, now patented, Pat. No. US 3953419 which is a continuation-in-part of Ser. No. US 1973-338321, filed on 5 Mar 1973, now abandoned And a continuation-in-part of Ser. No. US 1973-338339, filed on 5 Mar 1973, now abandoned  
PRAI CH 1972-4042 19720317  
CH 1972-11699 19720808  
CH 1972-1477 19720309  
DT Utility  
FS Granted  
LN.CNT 740  
INCL INCLM: 260/143.000  
INCLS: 260/169.000; 260/205.000  
NCL NCLM: 534/572.000  
NCLS: 534/571.000; 534/585.000; 534/689.000  
IC [2]  
ICM: C09B027-02  
EXF 260/143; 260/169; 260/205  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 17 OF 28 USPATFULL  
AN 78:8688 USPATFULL  
TI Stable, homogeneous buttered table syrups  
IN Daggy, Elmer E., Tenafly, NJ, United States  
PA CPC International Inc., Englewood Cliffs, NJ, United States (U.S. corporation)  
PI US 4073963 19780214  
AI US 1976-754707 19761227 (5)  
DT Utility  
FS Granted  
LN.CNT 656  
INCL INCLM: 426/658.000  
INCLS: 426/653.000  
NCL NCLM: 426/658.000  
NCLS: 426/653.000  
IC [2]  
ICM: A23L001-09  
EXF 426/658; 426/653

L2 ANSWER 18 OF 28 USPATFULL  
AN 77:61569 USPATFULL  
TI Solid anhydrous dextrose  
IN Schollmeier, Charles E., Decatur, IL, United States  
Leiser, Roger S., Decatur, IL, United States  
PA A. E. Staley Manufacturing Company, Decatur, IL, United States (U.S. corporation)  
PI US 4059460 19771122  
AI US 1975-629739 19751107 (5)  
DT Utility  
FS Granted  
LN.CNT 563

INCL INCLM: 127/029.000  
INCLS: 127/030.000; 127/058.000; 127/061.000  
NCL NCLM: 127/029.000  
NCLS: 127/030.000; 127/058.000; 127/061.000  
IC [2]  
ICM: C13K001-10  
ICS: C13K001-06  
EXF 127/30; 127/58; 127/60; 127/61; 127/29  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 19 OF 28 USPATFULL  
AN 77:29943 USPATFULL  
TI Yeast leavened dough composition  
IN Krum, Jack Kern, Leawood, KS, United States  
Wollermann, Louis Albert, Prairie Village, KS, United States  
Rucker, Dugan Allan, Kansas City, MO, United States  
PA International Telephone and Telegraph Corporation, New York, NY, United States (U.S. corporation)  
PI US 4028471 19770607  
AI US 1975-636848 19751201 (5)  
DT Utility  
FS Granted  
LN.CNT 603  
INCL INCLM: 426/022.000  
INCLS: 426/532.000; 426/653.000; 426/025.000; 426/009.000  
NCL NCLM: 426/022.000  
NCLS: 426/009.000; 426/025.000; 426/532.000; 426/653.000  
IC [2]  
ICM: A21D002-20  
EXF 426/18; 426/9; 426/19; 426/22; 426/25; 426/532; 426/653

L2 ANSWER 20 OF 28 USPATFULL  
AN 77:6218 USPATFULL  
TI Instant pudding composition and process  
IN Smith, Richard A., Dover, DE, United States  
Haney, Thomas E., Dover, DE, United States  
PA General Foods Corporation, White Plains, NY, United States (U.S. corporation)  
PI US 4006262 19770201  
AI US 1975-557200 19750310 (5)  
DT Utility  
FS Granted  
LN.CNT 198  
INCL INCLM: 426/573.000  
INCLS: 426/579.000  
NCL NCLM: 426/573.000  
NCLS: 426/579.000  
IC [2]  
ICM: A23L001-187  
EXF 426/578; 426/579; 426/573; 426/574

L2 ANSWER 21 OF 28 USPATFULL  
AN 76:23258 USPATFULL  
TI Salts of stilbene-azo and stilbene-azoxy dyes and process for their preparation  
IN Pedrazzi, Reinhard, Basel, Switzerland  
PA Sandoz Ltd., Basel, Switzerland (non-U.S. corporation)  
PI US 3953419 19760427  
AI US 1973-385756 19730806 (5)  
RLI Continuation-in-part of Ser. No. US 1973-338339, filed on 5 Mar 1973, now abandoned And Ser. No. US 1973-338321, filed on 5 Mar 1973, now abandoned

PRAI CH 1972-11699 19720808  
CH 1972-4042 19720317  
CH 1972-3477 19720309  
DT Utility  
FS Granted  
LN.CNT 707  
INCL INCLM: 260/143.000  
INCLS: 260/169.000; 260/205.000; 008/007.000  
NCL NCLM: 534/571.000  
NCLS: 008/680.000; 008/681.000; 008/919.000; 534/583.000; 534/689.000  
IC [2]  
ICM: C09B027-02  
EXF 260/143  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 22 OF 28 USPATFULL  
AN 75:47738 USPATFULL  
TI Stilbene azo lithium salt dyes  
IN Perkins, Melvin A., Wilmington, DE, United States  
Urion, Howard K., Woodstown, NJ, United States  
PA E. I. Du Pont de Nemours and Company, Wilmington, DE, United States  
(U.S. corporation)  
PI US 3905949 19750916  
AT US 1969-846981 19690801 (4)  
RLI Continuation-in-part of Ser. No. US 1965-451979, filed on 29 Apr 1965,  
now abandoned  
DT Utility  
FS Granted  
LN.CNT 533  
INCL INCLM: 260/143.000  
INCLS: 162/162.000; 260/169.000; 260/205.000; 260/505.000C; 260/505.000N  
NCL NCLM: 534/571.000  
NCLS: 162/162.000; 534/583.000; 534/585.000; 534/689.000; 562/060.000;  
562/073.000  
IC [2]  
ICM: C07C105-00  
ICS: C09D027-02; D21H003-80  
EXF 260/143; 260/169; 260/205; 008/41; 162/162  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 23 OF 28 USPATFULL  
AN 73:5390 USPATFULL  
TI THERAPEUTIC COMPOSITIONS COMPRISING A 6.alpha.; 9.alpha.-DIFLUORO-  
11.beta.,1.alpha.,21-TRIHYDROXY-16.alpha.-METHYL-1,4-PREGNADIENE-3,20-  
DIONE AND 21-ACYLATES  
IN Lincoln, Frank H., Kalamazoo, MI, United States  
Schneider, William P., Kalamazoo, MI, United States  
Spero, George B., Kalamazoo, MI, United States  
PA The Upjohn Company, Kalamazoo, MI, United States (U.S. corporation)  
PI US 3714353 19730130  
AI US 1959-832899 19590811 (5)  
RLI Continuation-in-part of Ser. No. US 1958-753157, filed on 4 Aug 1958,  
now patented, Pat. No. US 3499016  
DT Utility  
FS Granted  
LN.CNT 1097  
INCL INCLM: 424/243.000  
INCLS: 260/397.450; 260/397.100; 260/239.550R; 260/239.500; 195/051.000  
NCL NCLM: 514/180.000  
NCLS: 435/040.000; 435/061.000; 540/026.000; 540/035.000; 540/038.000;  
540/088.000; 552/527.000; 552/534.000; 552/554.000; 552/573.000;  
552/589.000; 552/594.000

IC [1]  
ICM: C07C169-32  
ICS: A61K015-02  
EXF 167/77; 167/65N

L2 ANSWER 24 OF 28 USPATFULL  
AN 72:19967 USPATFULL  
TI PROCESS FOR PREPARING A BAKED TWO-PHASE PRODUCT  
IN Barton, Ralph L., Battle Creek, MI, United States  
Erwin, John C., St. Anne, IL, United States  
PA General Foods Corporation, White Plains, NY, United States  
PI US 3656967 19720418  
AI US 1970-4792 19700121 (5)  
RLI Continuation of Ser. No. US 1965-526646, filed on 21 Dec 1965, now abandoned  
DT Utility  
FS Granted  
LN.CNT 391  
INCL INCLM: 099/086.000  
NCL NCLM: 426/275.000  
NCLS: 426/094.000; 426/556.000  
IC [1]  
ICM: A21D013-08  
EXF 099/86; 099/88; 099/17

L2 ANSWER 25 OF 28 USPATFULL  
AN 72:18769 USPATFULL  
TI METHOD OF MAKING SUGAR AND SUGAR PRODUCTS  
IN Schwer, Frederick W., Orinda, CA, United States  
Kean, Chester E., Lafayette, CA, United States  
PA California and Hawaiian Sugar Company, United States  
PI US 3655442 19720411  
AI US 1969-853361 19690827 (4)  
DT Utility  
FS Granted  
LN.CNT 276  
INCL INCLM: 127/058.000  
INCLS: 099/DIG.004; 127/062.000; 127/063.000  
NCL NCLM: 127/058.000  
NCLS: 127/062.000; 127/063.000  
IC [1]  
ICM: C13F001-02  
EXF 127/29; 127/30; 127/58; 127/63; 127/69; 127/62; 099/DIG.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 26 OF 28 USPATFULL  
AN 71:46564 USPATFULL  
TI THERAPEUTIC COMPOSITIONS COMPRISING 6-FLUORO-16-METHYL PREDNISOLONE, THE 21 ACYLATES AND SALTS THEREOF  
IN Lincoln, Frank H., Kalamazoo, MI, United States  
Schneider, William P., Kalamazoo Township, Kalamazoo County, MI, United States  
Spero, George B., Kalamazoo, MI, United States  
PA Upjohn Company, Kalamazoo, MI, United States  
PI US 3626063 19711207  
AI US 1959-832898 19590811 (4)  
RLI Continuation-in-part of Ser. No. US 1958-753157, filed on 4 Aug 1958, now patented, Pat. No. US 3499016  
DT Utility  
FS Granted  
LN.CNT 1009  
INCL INCLM: 424/243.000

INCLS: 260/397.450; 260/239.550; 260/397.100; 260/239.500; 195/051.000;  
260/397.300  
NCL NCLM: 514/179.000  
NCLS: 435/061.000; 435/911.000; 540/026.000; 540/035.000; 540/038.000;  
540/097.000; 552/527.000; 552/534.000; 552/554.000; 552/573.000;  
552/589.000  
IC [1]  
ICM: C07C169-32  
EXF 167/77; 167/651N

L2 ANSWER 27 OF 28 USPATFULL  
AN 71:41308 USPATFULL  
TI METHOD OF COMBINING CRYSTALLINE SUGAR WITH IMPREGNATING AGENTS AND  
PRODUCTS PRODUCED THEREBY  
IN Black, William C., Cedar Rapids, IA, United States  
Rajtora, Otto J., Iowa City, IA, United States  
PA Penick & Ford Limited, Cedar Rapids, IA, United States  
PI US 3619294 19711109  
AI US 1968-744642 19680715 (4)  
DT Utility  
FS Granted  
LN.CNT 777  
INCL INCLM: 127/030.000  
INCLS: 018/079.000; 099/078.000; 099/134.000R; 099/140.000R;  
099/148.000R; 099/DIG.004; 127/029.000; 127/063.000; 424/361.000  
NCL NCLM: 127/030.000  
NCLS: 127/029.000; 127/063.000; 426/089.000  
IC [1]  
ICM: C13K001-00  
EXF 099/140; 424/361; 127/30; 127/63  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 28 OF 28 USPATFULL  
AN 71:41306 USPATFULL  
TI TABLETS AND METHOD OF FORMING  
IN Brouillard, Robert E., Cedar Rapids, IA, United States  
Griffith, Charles L., Cedar Rapids, IA, United States  
PA Penick & Ford, Limited, Cedar Rapids, IA, United States  
PI US 3619292 19711109  
AI US 1968-744645 19680715 (4)  
DT Utility  
FS Granted  
LN.CNT 603  
INCL INCLM: 127/029.000  
INCLS: 008/079.000; 099/134.000R; 099/DIG.004; 127/063.000; 264/122.000;  
424/358.000; 424/361.000; 424/362.000; 424/363.000  
NCL NCLM: 127/029.000  
NCLS: 008/526.000; 127/063.000; 264/122.000  
IC [1]  
ICM: C13F003-00  
EXF 127/29; 127/30; 127/63; 099/DIG.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s crystalline  
L3 152740 CRYSTALLINE  
  
=> s 12 and 13  
L4 16 L2 AND L3  
  
=> d 1-16

L4 ANSWER 1 OF 16 USPATFULL  
AN 2001:144957 USPATFULL  
TI Dextrose hydrate in powder form and a process for  
the preparation thereof  
IN Labergerie, Erik, Lestrem, France  
Lefevre, Philippe, Merville, France  
Lis, Jose, La Gorgue, France  
PI US 2001018092 A1 20010830  
AI US 2000-735092 A1 20001212 (9)  
PRAI FR 1999-15951 19991217  
DT Utility  
FS APPLICATION  
LN.CNT 579  
INCL INCLM: 426/658.000  
INCLS: 426/285.000; 426/453.000  
NCL NCLM: 426/658.000  
NCLS: 426/285.000; 426/453.000  
IC [7]  
ICM: A23L001-09  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 16 USPATFULL  
AN 96:1226 USPATFULL  
TI Stable antimicrobial dialdehyde composition and methods of use  
IN Donovan, Daniel J., St. Paul, MN, United States  
McSherry, David D., Little Canada, MN, United States  
Fredell, Dale L., Lindstrom, MN, United States  
PA Ecolab Inc., St. Paul, MN, United States (U.S. corporation)  
PI US 5480643 19960102  
AI US 1993-65289 19930706 (8)  
RLI Continuation-in-part of Ser. No. US 1992-887312, filed on 22 May 1992,  
now abandoned which is a division of Ser. No. US 1991-777782, filed on  
16 Oct 1991, now patented, Pat. No. US 5158778  
DT Utility  
FS Granted  
LN.CNT 1455  
INCL INCLM: 424/409.000  
INCLS: 424/405.000; 424/499.000  
NCL NCLM: 424/409.000  
NCLS: 424/405.000; 424/499.000  
IC [6]  
ICM: A01N025-08  
EXF 424/405; 424/409; 424/499  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 16 USPATFULL  
AN 93:48258 USPATFULL  
TI Reducing sugar-containing mix and process therefore  
IN Anderson, Noel E., Brookfield, CT, United States  
Russell, John B., Trumbull, CT, United States  
PA Kraft General Foods, Inc., Northfield, IL, United States (U.S.  
corporation)  
PI US 5219598 19930615  
AI US 1991-793066 19911115 (7)  
DT Utility  
FS Granted  
LN.CNT 443  
INCL INCLM: 426/096.000  
INCLS: 426/289.000; 426/292.000; 426/591.000  
NCL NCLM: 426/096.000  
NCLS: 426/289.000; 426/292.000; 426/591.000  
IC [5]

ICM: A23L002-38  
EXF 426/590; 426/591; 426/285; 426/289; 426/292; 426/291; 426/96  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 16 USPATFULL  
AN 93:35821 USPATFULL  
TI Calcium Citrate anticaking agent  
IN Vidal, Susan, Patterson, NY, United States  
Saleeb, Fouad Z., Pleasantville, NY, United States  
PA Kraft General Foods, Inc., Northfield, IL, United States (U.S.  
corporation)  
PI US 5208372 19930504  
AI US 1992-883987 19920518 (7)  
RLI Division of Ser. No. US 1991-704500, filed on 23 May 1991, now patented,  
Pat. No. US 5149552  
DT Utility  
FS Granted  
LN.CNT 376  
INCL INCLM: 562/584.000  
INCLS: 426/321.000; 426/590.000  
NCL NCLM: 562/584.000  
NCLS: 426/321.000; 426/590.000  
IC [5]  
ICM: C07C059-265  
EXF 562/584  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 16 USPATFULL  
AN 92:88889 USPATFULL  
TI Stable antimicrobial dialdehyde composition and methods of use  
IN Donovan, Daniel J., St. Paul, MN, United States  
McSherry, David D., Little Canada, MN, United States  
Fredell, Dale L., Lindstrom, MN, United States  
PA Ecolab Inc., St. Paul, MN, United States (U.S. corporation)  
PI US 5158778 19921027  
AI US 1991-777782 19911016 (7)  
DT Utility  
FS Granted  
LN.CNT 1518  
INCL INCLM: 424/488.000  
INCLS: 424/409.000; 514/705.000; 252/109.000  
NCL NCLM: 424/488.000  
NCLS: 424/409.000; 510/215.000; 510/382.000; 514/705.000  
IC [5]  
ICM: A01N025-08  
ICS: A01N035-02  
EXF 514/705; 514/947; 424/405; 424/409; 424/488; 428/524-526; 252/106;  
252/109  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 16 USPATFULL  
AN 92:78742 USPATFULL  
TI Calcium citrate anticaking agent  
IN Vidal, Susan, Patterson, NY, United States  
Saleeb, Fouad Z., Pleasantville, NY, United States  
PA Kraft General Foods, Inc., Northfield, IL, United States (U.S.  
corporation)  
PI US 5149552 19920922  
AI US 1991-704500 19910523 (7)  
DT Utility  
FS Granted  
LN.CNT 398

INCL INCLM: 426/321.000  
INCLS: 426/590.000; 562/584.000  
NCL NCLM: 426/321.000  
NCLS: 426/590.000; 562/584.000  
IC [5]  
ICM: A23L002-38  
ICS: C07C059-265  
EXF 426/321; 426/590; 562/584  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 16 USPATFULL  
AN 92:27329 USPATFULL  
TI Sucrose and fructose-containing food mix and process  
IN Nasrallah, Maurice, Tarrytown, NY, United States  
Nasrallah, Antonia B., Tarrytown, NY, United States  
Saleeb, Fouad Z., Pleasantville, NY, United States  
PA Kraft General Foods, Inc., Glenview, IL, United States (U.S.  
corporation)  
PI US 5102682 19920407  
AI US 1991-648082 19910131 (7)  
DT Utility  
FS Granted  
LN.CNT 269  
INCL INCLM: 426/590.000  
INCLS: 426/658.000  
NCL NCLM: 426/590.000  
NCLS: 426/658.000  
IC [5]  
ICM: A23L002-38  
EXF 426/591; 426/555; 426/554; 426/590; 426/558; 426/285

L4 ANSWER 8 OF 16 USPATFULL  
AN 90:52974 USPATFULL  
TI Process for the direct production of glycoside product in the presence  
of solid saccharide  
IN Rasche, John F., Decatur, IL, United States  
Pickens, Carl E., Decatur, IL, United States  
McCurry, Jr., Patrick M., Decatur, IL, United States  
PA Henkel Kommanditgesellschaft auf Aktien, Duesseldorf-Holthausen,  
Germany, Federal Republic of (non-U.S. corporation)  
PI US 4939245 19900703  
AI US 1988-287953 19881221 (7)  
DT Utility  
FS Granted  
LN.CNT 366  
INCL INCLM: 536/018.600  
INCLS: 536/124.000; 536/018.500  
NCL NCLM: 536/018.600  
NCLS: 536/018.500; 536/124.000  
IC [5]  
ICM: C07G003-00  
ICS: C07H001-00  
EXF 536/18.6; 536/124; 536/18.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 16 USPATFULL  
AN 85:44563 USPATFULL  
TI Spreadable honey  
IN Brain, Charles, Wooster, OH, United States  
Johnston, Barry, Copley, OH, United States  
PA The J. M. Smucker Company, Orrville, OH, United States (U.S.  
corporation)

PI US 4532143 19850730  
AI US 1984-621176 19840615 (6)  
DT Utility  
FS Granted  
LN.CNT 304  
INCL INCLM: 426/577.000  
INCLS: 426/658.000  
NCL NCLM: 426/577.000  
NCLS: 426/658.000  
IC [3]  
ICM: A23L001-06  
ICS: A23L001-08; A23L001-04  
EXF 426/577; 426/658  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 16 USPATFULL  
AN 82:53163 USPATFULL  
TI Process for continuous crystallization of alpha monohydrate dextrose utilizing high agitation  
IN Edwards, Larry W., Hillsdale, NJ, United States  
PA CPC International Inc., Englewood Cliffs, NJ, United States (U.S. corporation)  
PI US 4357172 19821102  
AI US 1980-217484 19801217 (6)  
DT Utility  
FS Granted  
LN.CNT 508  
INCL INCLM: 127/060.000  
INCLS: 127/030.000  
NCL NCLM: 127/060.000  
NCLS: 127/030.000  
IC [3]  
ICM: C13F001-02  
EXF 127/15; 127/16; 127/30; 127/60  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 16 USPATFULL  
AN 82:15120 USPATFULL  
TI Methylolated mono- and oligosaccharides  
IN Wagner, Kuno, Leverkusen, Germany, Federal Republic of  
PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of (non-U.S. corporation)  
PI US 4322523 19820330  
AI US 1979-60241 19790725 (6)  
PRAI DE 1978-2833138 19780728  
DT Utility  
FS Granted  
LN.CNT 2162  
INCL INCLM: 536/004.000  
INCLS: 521/155.000; 521/158.000; 521/107.000; 521/109.000; 536/001.000;  
536/002.000; 536/018.000; 536/095.000; 536/102.000; 536/115.000;  
536/117.000; 536/120.000; 560/157.000; 528/272.000; 528/405.000;  
536/043.000; 536/030.000  
NCL NCLM: 536/001.110  
NCLS: 521/107.000; 521/109.100; 521/155.000; 521/158.000; 528/077.000;  
528/085.000; 536/002.000; 536/004.100; 536/018.700; 536/030.000;  
536/043.000; 536/095.000; 536/102.000; 536/115.000; 536/117.000;  
536/120.000; 560/157.000  
IC [3]  
ICM: C07H015-04  
ICS: C07H001-00  
EXF 536/1; 536/4; 536/120; 536/2; 536/43; 536/18; 536/30; 536/95; 536/102

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 16 USPATFULL  
AN 79:34064 USPATFULL  
TI Reconstituted food product  
IN Mueller, Richard A., Donnellson, IA, United States  
PA SCM Corporation, New York, NY, United States (U.S. corporation)  
PI US 4163805 19790807  
AI US 1976-753805 19761223 (5)  
RLI Continuation-in-part of Ser. No. US 1975-644108, filed on 24 Dec 1975,  
now abandoned  
DT Utility  
FS Granted  
LN.CNT 435  
INCL INCLM: 426/575.000  
INCLS: 426/615.000; 426/803.000; 426/104.000  
NCL NCLM: 426/575.000  
NCLS: 426/104.000; 426/615.000; 426/803.000  
IC [2]  
ICM: A23L001-04  
EXF 426/575; 426/615; 426/803; 426/104; 426/282; 426/92

L4 ANSWER 13 OF 16 USPATFULL  
AN 77:61569 USPATFULL  
TI Solid anhydrous dextrose  
IN Schollmeier, Charles E., Decatur, IL, United States  
Leiser, Roger S., Decatur, IL, United States  
PA A. E. Staley Manufacturing Company, Decatur, IL, United States (U.S.  
corporation)  
PI US 4059460 19771122  
AI US 1975-629739 19751107 (5)  
DT Utility  
FS Granted  
LN.CNT 563  
INCL INCLM: 127/029.000  
INCLS: 127/030.000; 127/058.000; 127/061.000  
NCL NCLM: 127/029.000  
NCLS: 127/030.000; 127/058.000; 127/061.000  
IC [2]  
ICM: C13K001-10  
ICS: C13K001-06  
EXF 127/30; 127/58; 127/60; 127/61; 127/29  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 14 OF 16 USPATFULL  
AN 73:5390 USPATFULL  
TI THERAPEUTIC COMPOSITIONS COMPRISING A 6.alpha.; 9.alpha.-DIFLUORO-  
11.beta.,1.alpha.,21-TRIHYDROXY-16.alpha.-METHYL-1,4-PREGNADIENE-3,20-  
DIONE AND 21-ACYLATES  
IN Lincoln, Frank H., Kalamazoo, MI, United States  
Schneider, William P., Kalamazoo, MI, United States  
Spero, George B., Kalamazoo, MI, United States  
PA The Upjohn Company, Kalamazoo, MI, United States (U.S. corporation)  
PI US 3714353 19730130  
AI US 1959-832899 19590811 (5)  
RLI Continuation-in-part of Ser. No. US 1958-753157, filed on 4 Aug 1958,  
now patented, Pat. No. US 3499016  
DT Utility  
FS Granted  
LN.CNT 1097  
INCL INCLM: 424/243.000  
INCLS: 260/397.450; 260/397.100; 260/239.550R; 260/239.500; 195/051.000

NCL NCLM: 514/180.000  
NCLS: 435/040.000; 435/061.000; 540/026.000; 540/035.000; 540/038.000;  
540/088.000; 552/527.000; 552/534.000; 552/554.000; 552/573.000;  
552/589.000; 552/594.000

IC [1]  
ICM: C07C169-32  
ICS: A61K015-02  
EXF 167/77; 167/65N

L4 ANSWER 15 OF 16 USPATFULL  
AN 71:41308 USPATFULL  
TI METHOD OF COMBINING CRYSTALLINE SUGAR WITH IMPREGNATING AGENTS  
AND PRODUCTS PRODUCED THEREBY  
IN Black, William C., Cedar Rapids, IA, United States  
Rajtora, Otto J., Iowa City, IA, United States  
PA Penick & Ford Limited, Cedar Rapids, IA, United States  
PI US 3619294 19711109  
AI US 1968-744642 19680715 (4)  
DT Utility  
FS Granted  
LN.CNT 777  
INCL INCLM: 127/030.000  
INCLS: 018/079.000; 099/078.000; 099/134.000R; 099/140.000R;  
099/148.000R; 099/DIG.004; 127/029.000; 127/063.000; 424/361.000  
NCL NCLM: 127/030.000  
NCLS: 127/029.000; 127/063.000; 426/089.000  
IC [1]  
ICM: C13K001-00  
EXF 099/140; 424/361; 127/30; 127/63  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 16 OF 16 USPATFULL  
AN 71:41306 USPATFULL  
TI TABLETS AND METHOD OF FORMING  
IN Brouillard, Robert E., Cedar Rapids, IA, United States  
Griffith, Charles L., Cedar Rapids, IA, United States  
PA Penick & Ford, Limited, Cedar Rapids, IA, United States  
PI US 3619292 19711109  
AI US 1968-744645 19680715 (4)  
DT Utility  
FS Granted  
LN.CNT 603  
INCL INCLM: 127/029.000  
INCLS: 008/079.000; 099/134.000R; 099/DIG.004; 127/063.000; 264/122.000;  
424/358.000; 424/361.000; 424/362.000; 424/363.000  
NCL NCLM: 127/029.000  
NCLS: 008/526.000; 127/063.000; 264/122.000  
IC [1]  
ICM: C13F003-00  
EXF 127/29; 127/30; 127/63; 099/DIG.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s compress?  
L5 642541 COMPRESS?

=> s 14 and 15  
L6 5 L4 AND L5

=> d 1-5

L6 ANSWER 1 OF 5 USPATFULL

AN 2001:144957 USPATFULL  
TI Dextrose hydrate in powder form and a process for  
the preparation thereof  
IN Labergerie, Erik, Lestrem, France  
Lefevre, Philippe, Merville, France  
Lis, Jose, La Gorgue, France  
PI US 2001018092 A1 20010830  
AI US 2000-735092 A1 20001212 (9)  
PRAI FR 1999-15951 19991217  
DT Utility  
FS APPLICATION  
LN.CNT 579  
INCL INCLM: 426/658.000  
INCLS: 426/285.000; 426/453.000  
NCL NCLM: 426/658.000  
NCLS: 426/285.000; 426/453.000  
IC [7]  
ICM: A23L001-09  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 2 OF 5 USPATFULL  
AN 77:61569 USPATFULL  
TI Solid anhydrous dextrose  
IN Schollmeier, Charles E., Decatur, IL, United States  
Leiser, Roger S., Decatur, IL, United States  
PA A. E. Staley Manufacturing Company, Decatur, IL, United States (U.S.  
corporation)  
PI US 4059460 19771122  
AI US 1975-629739 19751107 (5)  
DT Utility  
FS Granted  
LN.CNT 563  
INCL INCLM: 127/029.000  
INCLS: 127/030.000; 127/058.000; 127/061.000  
NCL NCLM: 127/029.000  
NCLS: 127/030.000; 127/058.000; 127/061.000  
IC [2]  
ICM: C13K001-10  
ICS: C13K001-06  
EXF 127/30; 127/58; 127/60; 127/61; 127/29  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 5 USPATFULL  
AN 73:5390 USPATFULL  
TI THERAPEUTIC COMPOSITIONS COMPRISING A 6.alpha.; 9.alpha.-DIFLUORO-  
11.beta.,1.alpha.,21-TRIHYDROXY-16.alpha.-METHYL-1,4-PREGNADIENE-3,20-  
DIONE AND 21-ACYLATES  
IN Lincoln, Frank H., Kalamazoo, MI, United States  
Schneider, William P., Kalamazoo, MI, United States  
Spero, George B., Kalamazoo, MI, United States  
PA The Upjohn Company, Kalamazoo, MI, United States (U.S. corporation)  
PI US 3714353 19730130  
AI US 1959-832899 19590811 (5)  
RLI Continuation-in-part of Ser. No. US 1958-753157, filed on 4 Aug 1958,  
now patented, Pat. No. US 3499016  
DT Utility  
FS Granted  
LN.CNT 1097  
INCL INCLM: 424/243.000  
INCLS: 260/397.450; 260/397.100; 260/239.550R; 260/239.500; 195/051.000  
NCL NCLM: 514/180.000  
NCLS: 435/040.000; 435/061.000; 540/026.000; 540/035.000; 540/038.000;

540/088.000; 552/527.000; 552/534.000; 552/554.000; 552/573.000;  
552/589.000; 552/594.000

IC [1]  
ICM: C07C169-32  
ICS: A61K015-02  
EXF 167/77; 167/65N

L6 ANSWER 4 OF 5 USPATFULL  
AN 71:41308 USPATFULL  
TI METHOD OF COMBINING CRYSTALLINE SUGAR WITH IMPREGNATING AGENTS  
AND PRODUCTS PRODUCED THEREBY  
IN Black, William C., Cedar Rapids, IA, United States  
Rajtora, Otto J., Iowa City, IA, United States  
PA Penick & Ford Limited, Cedar Rapids, IA, United States  
PI US 3619294 19711109  
AI US 1968-744642 19680715 (4)  
DT Utility  
FS Granted  
LN.CNT 777  
INCL INCLM: 127/030.000  
INCLS: 018/079.000; 099/078.000; 099/134.000R; 099/140.000R;  
099/148.000R; 099/DIG.004; 127/029.000; 127/063.000; 424/361.000  
NCL NCLM: 127/030.000  
NCLS: 127/029.000; 127/063.000; 426/089.000  
IC [1]  
ICM: C13K001-00  
EXF 099/140; 424/361; 127/30; 127/63  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 5 OF 5 USPATFULL  
AN 71:41306 USPATFULL  
TI TABLETS AND METHOD OF FORMING  
IN Brouillard, Robert E., Cedar Rapids, IA, United States  
Griffith, Charles L., Cedar Rapids, IA, United States  
PA Penick & Ford, Limited, Cedar Rapids, IA, United States  
PI US 3619292 19711109  
AI US 1968-744645 19680715 (4)  
DT Utility  
FS Granted  
LN.CNT 603  
INCL INCLM: 127/029.000  
INCLS: 008/079.000; 099/134.000R; 099/DIG.004; 127/063.000; 264/122.000;  
424/358.000; 424/361.000; 424/362.000; 424/363.000  
NCL NCLM: 127/029.000  
NCLS: 008/526.000; 127/063.000; 264/122.000  
IC [1]  
ICM: C13F003-00  
EXF 127/29; 127/30; 127/63; 099/DIG.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.